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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

October 11, 2007

Ms. Shirley J. Olinger, Acting Manager  
Office of River Protection  
United States Department of Energy  
P.O. Box 450, MSIN: H6-60  
Richland, Washington 99352

**RECEIVED**  
OCT 24 2007  
**EDMC**

Re: Review of Submittals Required by Notice of Violation (NOV) No. DE 4218 and Inspection  
Close-out for 241-C-104 Under Order DE05NWP-002

Dear Ms. Olinger:

This letter communicates results of Ecology review of submittals required by NOV No. DE 4218 (Reference 1) and a concurrent inspection of operations under the current revision of Order DE05NWP-002.

Condition 1 of NOV No. DE 4218 required that the United States Department of Energy -- Office of River Protection (USDOE-ORP) file an application to modify air emissions Order DE05NWP-002, Revision 1, within 45 days of the NOV. USDOE-ORP filed the required application on May 15, 2007 (Reference 2), in compliance with this Condition. Following preparation of a proposed permit and the conduct of a public comment period, Order DE05NWP-002, Rev. 2, was issued on July 31, 2007 (Reference 3).

Condition 2 of NOV No. DE 4218 required that the USDOE-ORP submit quarterly reports of stack and environmental samples potentially indicating pollutants emitted from operations under Order DE05NWP-002. Ecology has reviewed the first two submittals (References 4 and 5, below) and has determined that your operations are currently in compliance with the conditions of Order DE05NWP-002 and NOV No. DE 4218.

In making this determination, Ecology understands that sample management and correspondence timelines indicate that you cannot reliably provide information to comply with NOV Conditions 2.b.ii and 2.b.iii. for sampling occurring within the last 45 days of a calendar quarter. Samples in the scope of Condition 2 of NOV No. DE 4218, taken in the last 45 days of a calendar quarter may, hereafter, be reported in the next quarterly submittal. Samples taken earlier during a quarter must be fully reported to remain compliant with Condition 2 of NOV No. DE 4218.

Ms. Shirley J. Olinger

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On July 23, 2007, and September 18, 2007, Ecology conducted inspections of your proposed operations of ventilation systems for tank 241-C-104 under provisions of under NOC Approval Order DE05NWP-002 and the Hanford Air Operating Permit (AOP) # 00-05-006, Renewal 1. The source was inspected following your notice of anticipated startup (Reference 6) and found to be in compliance with conditions of Order DE05NWP-002 and of the Hanford Air Operating Permit # 00-05-006, Renewal 1.

If you have any questions regarding NOV compliance or the inspection results, please contact Doug Hendrickson of my staff at 509-372-7983.

Sincerely,



Ron Skinnarland

Manager, Waste Management Section  
Nuclear Waste Program

dwh/pll

References:

1. Ecology Letter and Notice of Violation, *Finding of Violation of Order DE05NWP-002, Rev. 1*, April 10, 2007. 0072670
2. USDOE-ORP Letter 07-ESQ-088, *Request for Modification to Criteria and Toxics Air Emissions Notice of Construction (NOC) Application for Operations of Waste Retrieval Systems in Single-Shell Tank (SST) Farms*, May 15, 2007. 0072878
3. Ecology Letter and Order, *Approval of Criteria and Toxic Air Emissions Notice of Construction (NOC) Application, Hanford Single-Shell Tank Waste Retrieval*, July 31, 2007. 0073585
4. USDOE-ORP letter 07-ESQ-070, *Submittal of First Quarter 2007 Assessment of Stack Samples per Washington State Department of Ecology (Ecology) Notice of Violation Number DE 4218*, May 9, 2007. 0072861
5. USDOE-ORP letter 07-ESQ-116, *Submittal of Second Quarter 2007 Assessment of Stack Samples per Washington State Department of Ecology (Ecology) Notice of Violation Number DE 4218*, July 27, 2007. 0073385
6. CH2MHill Email, *Notification for Start-up of 296-P-48 on Tank 241-C-104*, July 11, 2007.

cc: Dennis Bowser, USDOE  
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Stuart Harris, CTUIR  
Gabriel Bohnee, NPT  
Russell Jim, YN

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Administrative Record: AIR Permits I

Environmental Portal

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